

## Claims

1. Peptide having an amino acid sequence of 9-55 amino acid residues comprising the amino acid sequence FTLASAETT (SEQ ID NO:1).
2. Peptide according to claim 1 comprising the amino acid sequence HSFTLASAETTVG (SEQ ID NO:2).
3. Peptide according to claim 1 or 2 having an amino acid sequence of up to 25 amino acid residues.
4. Peptide according to claim 1 or 2 having the amino acid sequence FTLASAETT (SEQ ID NO:1) or HSFTLASAETTVG (SEQ ID NO:2).
5. Peptides according to any of the claims 1-4 for use as a therapeutical substance.
6. Pharmaceutical composition comprising one or more of the peptides according to claims 1-4, and a pharmaceutical acceptable carrier.
7. Use of one or more of the peptides according to claims 1-4 for the manufacture of a pharmaceutical preparation for the induction of specific T-cell tolerance to an autoantigen in patients suffering from autoimmune disorders, more specifically arthritis.
8. Diagnostic composition comprising one or more of the peptides according to any of the claims 1-4 and a detection agent.

Sub A1

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Add A3